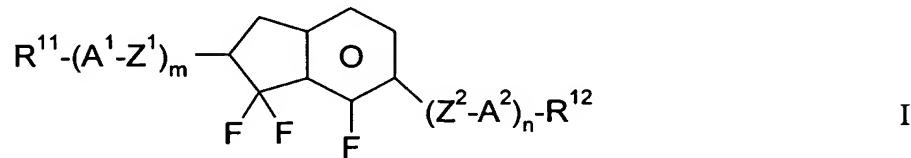


This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) Liquid-crystalline medium based on a mixture of polar compounds of negative dielectric anisotropy, characterised in that it comprises at least one compound of the formula I



in which

R^{11} and R^{12} are each, independently of one another, H, an alkyl or alkenyl radical having up to 15 C atoms which is unsubstituted, monosubstituted by CN or CF_3 or at least monosubstituted by halogen, where, in addition, one or more CH_2 groups in these radicals may be replaced by -O-, -S-, ——, -C≡C-, -OC-O- or -O-CO- in such a way that O atoms are not linked directly to one another,

A^1 and A^2 are each, independently of one another,

- a) a 1,4-cyclohexenylene or 1,4-cyclohexylene radical, in which one or two non-adjacent CH_2 groups may be replaced by -O- or -S-,
- b) a 1,4-phenylene radical, in which one or two CH groups may be replaced by N,
- c) a radical from the group consisting of piperidine-1,4-diyl, 1,4-bicyclo[2.2.2]octylene, naphthalene-2,6-diyl, decahydronaphthalene-2,6-diyl, 1,2,3,4-tetrahydronaphthalene-

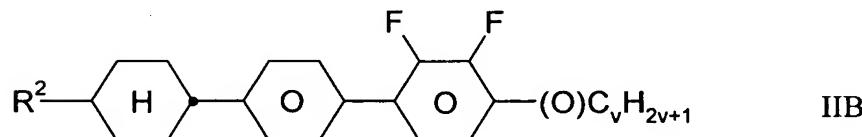
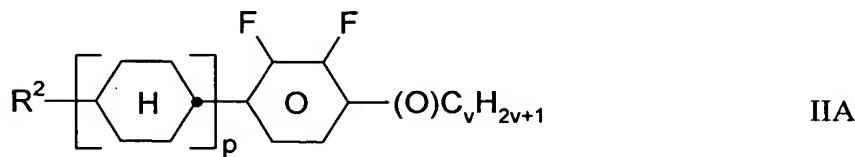
2,6-diyl, phenanthrene-2,7-diyl and fluorene-2,7-diyl,

where the radicals a), b) and c) may be monosubstituted or polysubstituted by halogen atoms, -

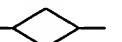
Z^1 and Z^2 are each, independently of one another, -CO-O-, -O-CO-, -CF₂O-, -OCF₂-, -CH₂O-, -OCH₂-, -CH₂CH₂-, -(CH₂)₄-, -C₂F₄-, -CH₂CF₂-, -CF₂CH₂-, -CF=CF-, -CH=CF-, -CF=CH-, -CH=CH-, -C≡C- or a single bond, and

m and n are each, independently of one another, 0, 1 or 2, where $m + n \geq 1$.

2. (Original) Liquid-crystalline medium according to Claim 1, characterised in that it additionally comprises one or more compounds of the formulae IIA and/or IIB



in which

R^2 is an alkyl or alkenyl radical having up to 15 C atoms which is unsubstituted, monosubstituted by CN or CF₃ or at least monosubstituted by halogen, where, in addition, one or more CH₂ groups in these radicals may each be replaced, independently of one another, by -O-, -S-,  , -C≡C-, -CO-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another,

p is 1 or 2, and

v

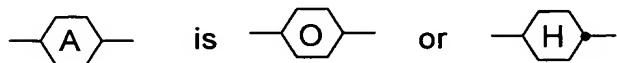
is from 1 to 6.

3. (Currently Amended) Liquid -crystalline medium according to Claim 1 or 2, characterised in that it additionally comprises one or more compounds of the formula III



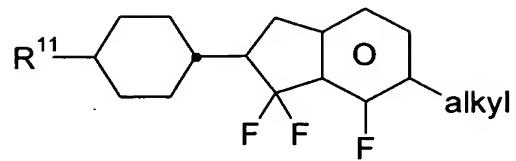
in which

R³¹ and R³² are each, independently of one another, a straight-chain alkyl, alkenyl, alkylalkoxy or alkoxy radical having up to 12 C atoms, and

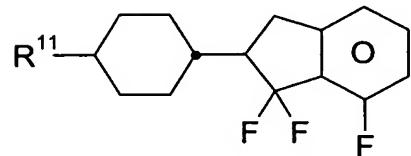


4. (Currently Amended) Liquid -crystalline medium according to claim 1 one of Claims 1 to 3, characterised in that it comprises one, two, three, four or more compounds of the formula I.
5. (Currently Amended) Liquid -crystalline medium according to claim 1 one of Claims 1 to 4, characterised in that the proportion of compounds of the formula I in the mixture as a whole is at least 5% by weight.
6. (Currently Amended) Liquid -crystalline medium according to claim 1 one of Claims 1 to 5, characterised in that the proportion of compounds of the formulae IIA and/or IIB in the mixture as a whole is at least 20% by weight.
7. (Currently Amended) Liquid -crystalline medium according to claim 1 one of Claims 1 to 6, characterised in that the proportion of compounds of the formula III in the mixture as a whole is at least 5% by weight.
8. (Currently Amended) Liquid -crystalline medium according to claim 1 one of Claims 1 to 7, characterised in that it comprises at least one compound selected

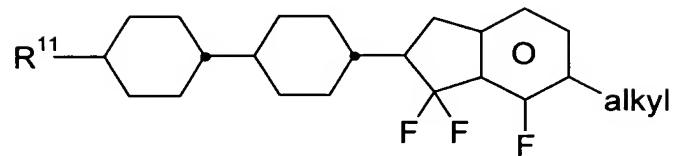
from the formulae I1 to I36



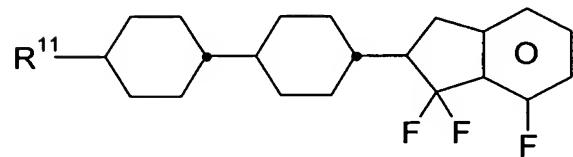
I1



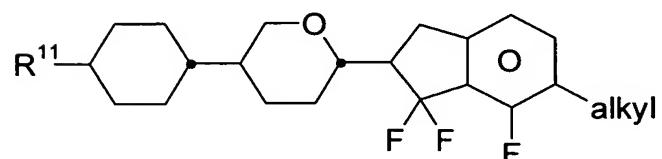
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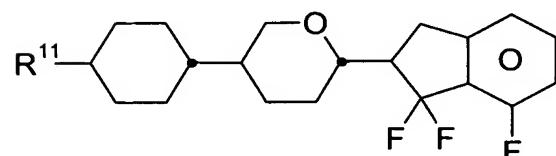
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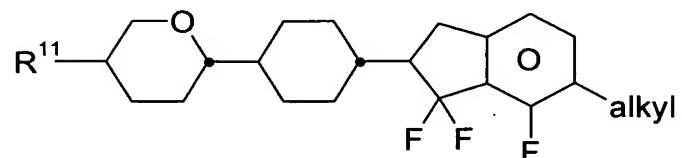
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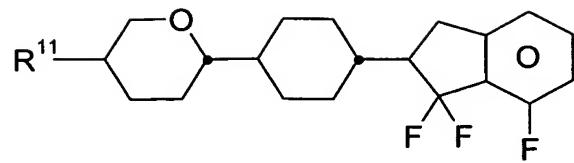
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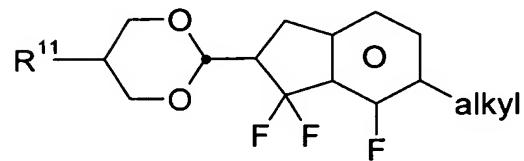
I6



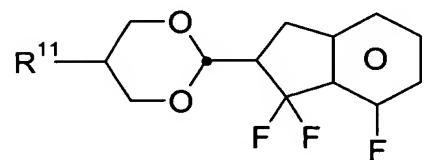
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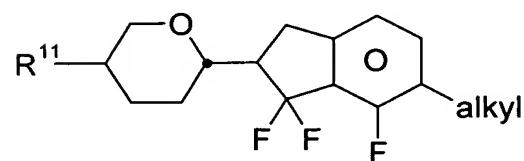
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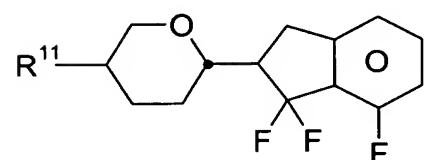
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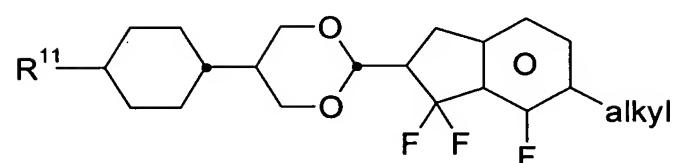
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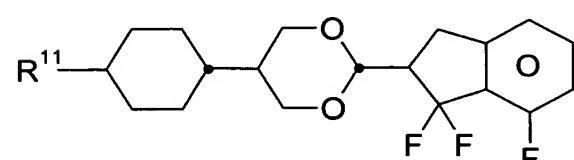
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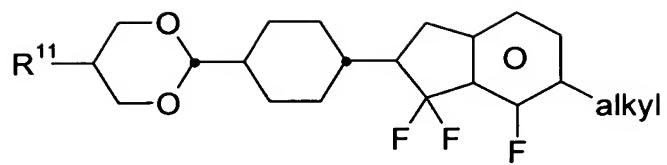
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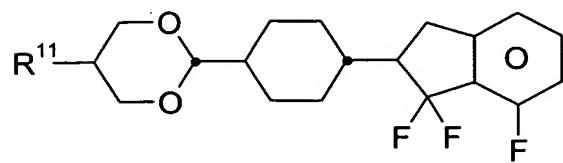
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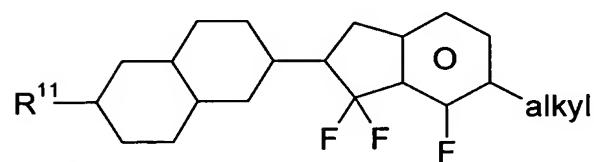
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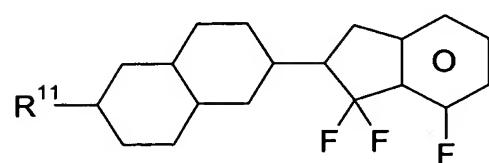
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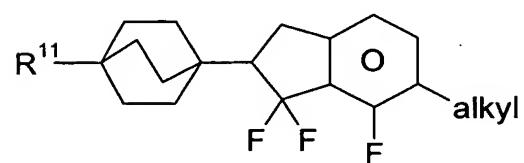
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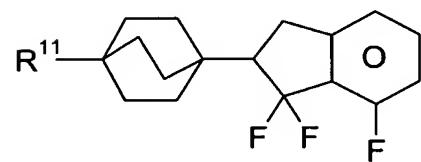
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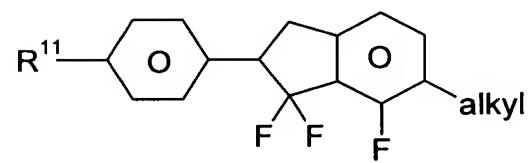
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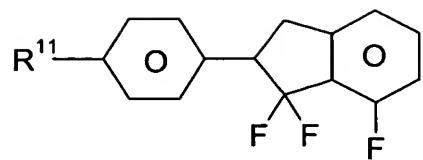
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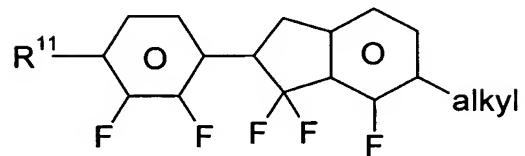
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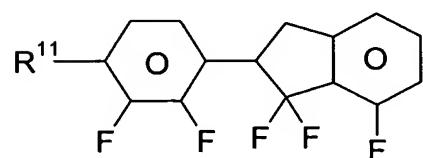
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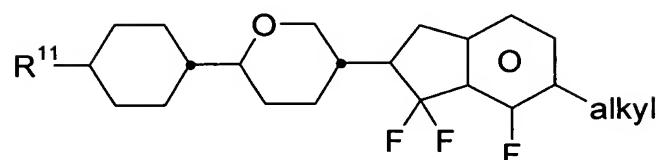
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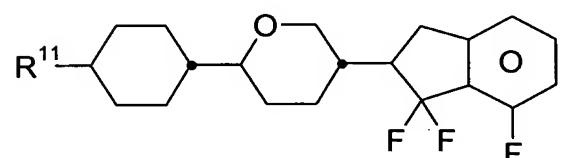
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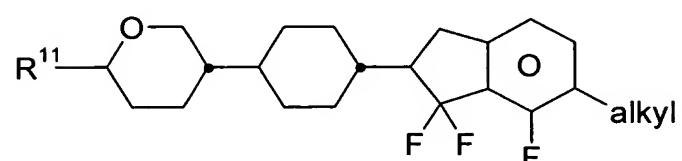
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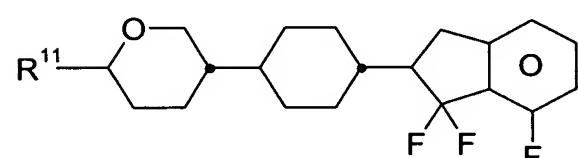
I25



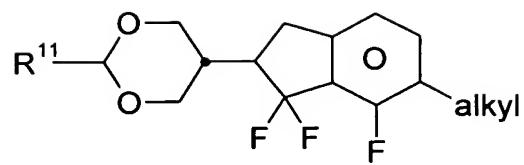
I26



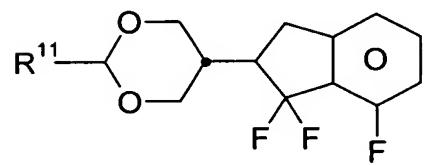
I27



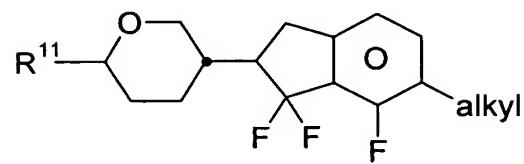
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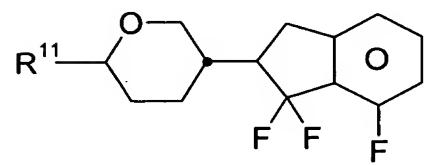
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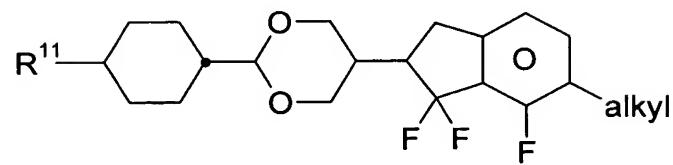
I30



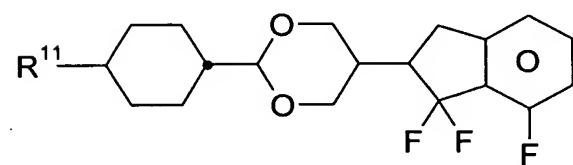
I31



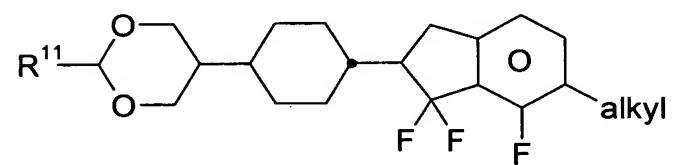
I32



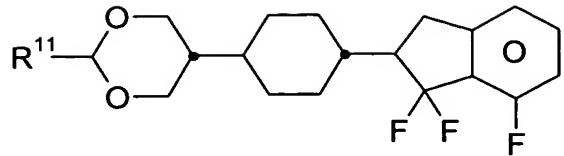
I33



I34



I35



I36

in which

R^{11} is as defined in Claim 1, and alkyl is a straight-chain alkyl radical having 1-6 C atoms.

9. (Currently Amended) Liquid -crystalline medium according to claim 1 one of Claims 1 to 8, characterised in that it essentially consists of

5-30 % by weight of one or more compounds of the formula I

and

20-70 % by weight of one or more compounds of the formulae IIA and/or IIB.

10. (Currently Amended) Electro -optical display with active-matrix addressing based on the ECB, PALC or IPS effect, characterised in that it contains, as dielectric, a liquid-crystalline medium according to claim 1 one of Claims 1 to 9.